

Today's Topics:

1200 baud PSK modem
FCC Processing time
Ground connection for antennas.
Mac vs. IBM: IBM wins
Meaningless information in QS0s?
MFJ 1224 and Mac SE
Modifying Radios for out of band use
Noise on the air and in rec.ham-radio
pro2005 cellular mod request?
rec.scanners
Source for 2SD845?
Squeaky Appeals do not get greased!
The un-net on 10meters on Saturday (1600-1800Z) (2 msgs)

Date: 15 Dec 89 15:44:18 GMT

From: eru!luth!sunic!tut!santra!kolvi.hut.fi!kwi@bloom-beacon.mit.edu (Kaj Wiik)

Subject: 1200 baud PSK modem

Message-ID: <201@kolvi.hut.fi>

Has anyone compared the original JAS-1 modem designed by JAMSAT with the TAPR PSK modem and DSP-232? I understand that all these modems implement the Costas loop (DSP-232 uses perhaps Kalman etc..). It would be interesting to know how much there is implementation loss in the good analog designs.

Kaj

Helsinki University of Technology, | kwi@kolvi.hut.fi

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Metsahovi Radio Research Station | kwi@finhutee.bitnet

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Otakaari 5A, SF-02150 Espoo, Finland | oh6eh@oh2ti

Date: Fri, 15 Dec 89 13:07:58 EST

From: "Mike Jordan G4ASQ/KC1RP" <JORDAN@LL.LL.MIT.EDU>

Subject: FCC Processing time

I just got my US license back from the FCC. It took exactly 8 weeks

from my VE session on Oct 18, and arrived Dec 13. Process date was Dec 5th.

HOORAY ! (Now all I need is an antenna....

73 and Seasons Greetings de Mike - G4ASQ / KC1RP

Date: Fri, 15 Dec 89 14:04:39 GMT
From: "Pete Lucas, NERC-TLC, Swindon U.K." <PJML@
Subject: Ground connection for antennas.
Message-ID: <15 Dec 89 14:05:07 GMT #2213@UK.AC.NWL.IA>

Grounding - DO NOT use the three-prong mains ground! In my house, there is a coil connected between the three-prong 'ground' and true 'ground' - this is the coil of the ground-leakage trip. It will hence present a high RF impedance to 'true' ground.

Also, beware that any ground on your radio does not bypass the 'ground' (actually a current sensing trip) or the safety protection provided by the ground leakage trip may be bypassed too.

In my case, i disconnected the ground from the 3-prong mains plug on my radio, and use a separate 'radio ground' of known low impedance. I had an old water-boiler (actually a 55-gallon copper tank!) buried outside as the RF ground.

Alternatively, if you use a balanced antenna (like a dipole) then theres no need for a RF ground connection. (but you may still need one for static protection and electrical safety - consult your local building regulations on this - they may require a minimum cross-section of grounding conductor).

++Pete

Date: 15 Dec 89 02:36:19 GMT
From: wshb!mikebat!michaelb@uunet.uu.net (Michael R. Batchelor)
Subject: Mac vs. IBM: IBM wins
Message-ID: <164@mikebat.UUCP>

> Go with a 386 if you can afford it (Unix runs nicely on a 386). Go with
> a 286 system if the 386 breaks the budget.

If price is a big consideration (when isn't it) you should at least look at the 386SX motherboards. No, they don't have a 32 bit data bus.

Yes, they do benchmark out as slower than a REAL 386. Yes, there are 286 motherboards based on the Harris 286 chips which are faster when running 16 bit software. But, you knew this was coming, UNLESS you find a great deal on a real 386, the 386SX is cheaper than the 386, and

it runs 32 bit software exactly as if it were a real 386.

> Unix runs best on a fast 386 with big harddisks, however, that said,
> Unix will run quite nicely on a 16Mhz 386 with a modest (80M) hard disk.

SCO XENIX runs adequately on a 386SX with one user. It's marginal with two users. A ten user system would probably be useless. You can also get by with a much smaller hard disk (40M) if you choose which parts of the OS you install wisely. All in all, a 386SX system with a 40M disk drive would make a great *NIX workstation for a hobbyist. (I assume we are hobbyists here.)

--

Michael Batchelor KA7ZNZ
uunet!wshb!mikebat!michaelb

Date: Fri, 15 Dec 89 14:33:35 GMT
From: "Pete Lucas, NERC-TLC, Swindon U.K." <PJML@
Subject: Meaningless information in QSOs?
Message-ID: <15 Dec 89 14:36:50 GMT #2250@UK.AC.NWL.IA>

> Heard during the Ten Meter Contest last weekend:

>

>N3xxx: "KH6xxx 59 Pennsylvania."

>KH6xxx: "You're 59 Hawaii. QSL?"

>N3xxx: "QSL. Thanks for Hawaii! How's my signal out there?"

>

> :-)

Question: In the above exchange, does 'QSL?' mean 'I acknowledge receipt of your message' or 'I will send you a QSL card' ???

Hams have APPALLING operating procedure!

++Pete

Date: 15 Dec 89 05:27:00 GMT
From: arisia!cdp!pjnetsjc@lll-winken.llnl.gov
Subject: MFJ 1224 and Mac SE
Message-ID: <241200004@cdp>

I have an MFJ 1224 that I would like to hook up to my mac and sony receiver. Does anyone have tips or comments? If this is not a good idea would you make recommendations on an expensive system that would allow rtty, fax, packet (if

possible). Many thanks, Dale in Stockton, Ca

Date: 15 Dec 89 15:12:19 GMT
From: sun-barr!newstop!texsun!pollux!ti-csl!hoenig@lll-winken.llnl.gov (Mike Hoenig)
Subject: Modifying Radios for out of band use
Message-ID: <102452@ti-csl.csc.ti.com>

I know I posted a follow-on to this, yesterday...did it get "eaten" by the system or something?

I was pointing out that I have modified my TH-75A by removing one green wire behind the front case of the radio. This mod allows full coverage of the 420-450MHz band, and then some. The display will read out from 147.000 to 511.995. If anyone out there knows how to tune the PLL, I'd appreciate that information. I'd like to see if the rig will operate in the 220MHz band.

Also, I have modified my XYL's TH-25A, thanks to the posting of those instructions here. I haven't yet tuned the PLL, but that's "in the queue."

Thanks for the help here, folks.
Hope to chat at ya when I get the HF station going again.

Mike (N5LTL; that's "Need 5 Ladies To Love")

Date: 14 Dec 89 21:04:01 GMT
From: cadnetix.COM!cadnetix!rusty@uunet.uu.net (Rusty Carruth)
Subject: Noise on the air and in rec.ham-radio
Message-ID: <10575@cadnetix.COM>

In article <1250094@hpnmdla.HP.COM> alanb@hpnmdla.HP.COM (Alan Bloom) writes:
>"if you dont know how to send EMAIL", you probably also don't know what
>"RTFM" means. I have figured out what BTW and IMHO mean, but RTFM is
>a new one for me????

Actually, don't feel too bad - I've been on usenet now for over 2 years, and only just last month figured out what IMHO meant! (I had even emailed a few people asking them what it meant, with no reply received from them, and I don't remember seeing it in the 'emily postnews' posts either)

So, don't feel too bad about it.

BTW - by the way

RTFM - read the 'fine' manual (or whatever word you feel fits better than 'fine')

IMHO - In my humble opinion (at least, thats what I *think* it means)

RTM (pretty rare) - read the manual

---Join the usenet un-net, 28.410 and/or 28.390(+/-) 1600Z to 1800Z saturdays!

Rusty Carruth. Radio: N7IKQ ^^ or later :-)

DOMAIN: rusty@cadnetix.com UUCP:{uunet,boulder}!cadnetix!rusty

home: POB. 461, Lafayette CO 80026

Date: 14 Dec 89 17:52:34 GMT

From: attcan!utgpu!waterv1!watmath!ria!braille!brian@uunet.uu.net (Brian Borowski)

Subject: pro2005 cellular mod request?

Message-ID: <7@braille.uwo.ca>

HELLO net-users:

I know this has been done before, but, would some kind person please email me the necessary information to enable the cellular band on the pro2005 scanner?

I would be very grateful. Thanks in advance.

Date: 14 Dec 89 20:14:33 GMT

From: cadnetix.COM!cadnetix!rusty@uunet.uu.net (Rusty Carruth)

Subject: rec.scanners

Message-ID: <10574@cadnetix.COM>

In article <10559@cadnetix.COM> rusty@cadnetix.COM (Rusty Carruth) (thats me!) writes:

>Actually, some hams enjoy the non-ham-related postings, and welcome them.

I was thinking last night (yes, I know, I *really* should think more often :-), and decided i needed to follow up on my last posting, so here it is)

Well, maybe I should not have said 'and welcome them' up there, as you could argue that those sort of postings belong in the new radio newsgroup. But I still enjoy them anyway....

In any case, I'll be sorry when the freq postings move to rec.radio.scanner (or whatever it got called), since I doubt I'll have enough time to read that newsgroup as well as this one. Info overload strikes again!

---Join the usenet un-net, 28.410 and/or 28.390(+/-) 1600Z to 1800Z saturdays!
Rusty Carruth. Radio: N7IKQ ^^ or later :-)
DOMAIN: rusty@cadnetix.com UUCP:{uunet,boulder}!cadnetix!rusty
home: POB. 461, Lafayette CO 80026

Date: 15 Dec 89 14:13:38 GMT
From: tindle@g.ms.uky.edu (Ken Tindle)
Subject: Source for 2SD845?
Message-ID: <13492@s.ms.uky.edu>

In article <810@tijk02.UUCP> eri316@tijk02.UUCP (Ed Ingraham) writes:
>At a hamfest last year, I found a bargain power supply which needed just
>a little repair work. Now I know why it was so cheap! I need to replace
>some 2SD845 power transistors in it. Unfortunately this device and its
>replacements are no longer manufactured and I can't find anything to

Call MCM Electronics at 1-800-543-4330 and tell 'em you want a 2SD845; they have 'em. You might have to buy more than one to jump over a minimum order.

-----\ /-----
INTERNET:tindle@ms.uky.edu | "Could you please continue the petty bickering?
BITNET: tindle@ukma.bitnet | I find it most intriguing." --- Data,
Ken Tindle - Lexington, KY | Star Trek, The Next Generation, "Haven"
-----/ \-----

Date: 14 Dec 89 21:10:23 GMT
From: cadnetix.COM!cadnetix!rusty@uunet.uu.net (Rusty Carruth)
Subject: Squeaky Appeals do not get greased!
Message-ID: <10576@cadnetix.COM>

In article <8912081531.AA19029@brambo.UUCP> ww@brambo.UUCP (Warren W. Gay) writes:
>>Date: Tue, 5 Dec 89 10:30 CDT
>>From: "FEROZ GHOUSE, N9FJL/4S7FG" <FGHOUSE@LAX.WISC.EDU>
>>Subject: PACKET-RADIO Digest V89 #259
>>Message-ID: <19120510304347@lax.wisc.edu>
>>
>>IT IS SAD TO NOTE THAT THIS NET DOES NOT OFFER HELP TO ANYBODY WANTING
>>TO START OUT ON PACKET. INSPITE OF MANY MESSAGES FOR HELP, I HAVE NOT SEEN

>>A SINGLE MAIL MESSAGE OFFERING THE NEEDED ADVICE.

>

> Sad when it happens, but this is NOT true. ...

Another thing to consider - this was the first time I had seen your message, and I'm pretty good about getting in and reading the articles here on rec.ham-radio. More than once I've heard of articles not making it off the system from which they were posted, so that MAY be what happened to yours.

Sorry about the fact that nobody replied. (And see Warren's post for some other ideas about things which may help improve your reply rate) I generally email a reply to folks who post messages like that and ask them if they got the help they needed, most have already been deluged with replies by the time I get around to it....

And, for those who think that this should have been just an email message rather than a posting - sure, but there is a good chance that others may have asked for help and not gotten it, so I posted. Thanks for your forbearance (you *do* have forbearance, don't you? :-)).

---Join the usenet un-net, 28.410 and/or 28.390(+/-) 1600Z to 1800Z saturdays!
Rusty Carruth. Radio: N7IKQ ^^ or later :-)
DOMAIN: rusty@cadnetix.com UUCP:{uunet,boulder}!cadnetix!rusty
home: POB. 461, Lafayette CO 80026

Date: 15 Dec 89 17:18:10 GMT
From: vsi1!wyse!steve@apple.com (Steve Wilson xttemp dept303)
Subject: The un-net on 10meters on Saturday (1600-1800Z)
Message-ID: <2556@wyse.wyse.com>

In article <7880097@hpfcdc.HP.COM> perry@hpfcdc.HP.COM (Perry Scott) writes:

>I tried the un-net last Saturday, and got assaulted by testers. It

>also seems that each 5 KHz multiple is busier than the in-betweens.

>

>I do wish that contest organizers would set up band restrictions. 29.300

>through 29.600 was completely full. I had to go all the way up to 29.650

>to find an un-contested frequency.

>

>Perry (Down with Contest QRM) Scott

>KF0CA

Only every 5 Khz, that wasn't much of a contest...it should be every 1.5 khz!

Oh yeah, it was the 10M contest, we have a little more room up there,
I forgot ;-)

Seriously though, if your a contester, especially a VHF contester, some of the restrictions would drive you crazy. The VHF contest rules are so restrictive you wouldn't even know a contest was going on unless you frequent off-the-wall areas of 2m like the lower SSB portion. Yes I know there are quite a few regulars on 2m SSB, but there the only ones out for the contest! Examples, your not allowed to get on repeaters and tell people to come over and work you on the fm simplex frequencies. Your not allowed to be on the standard fm simplex frequencies like 146.52. They've gone so far as to completely eliminate any possibility of getting more people interested in the activity by people being aware that the activity is occurring.

There are some restrictions in place on HF freq use during contesting already. Pretty common is no use of WARC frequencies. When the contest is restricted to specifically a single band like the one above, you have a whole range of other choices also(like 15m, 20m, etc).

Yes, I admit that contests have a severe habit of disrupting normal net operations. I don't really have a good answer for that either. Even if you set up restrictions on where the contesters can play, there will be a net in that particular portion that gets derailed, and thus people get upset. There are no restrictions on where nets can be set up after all! Gee, maybe net operations should be restricted to certain areas of the bands. ;-) Point is that depending on which activity your playing at(which you nominally assume is the most important thing going ;-)) your going to be upset when someone else interferes with it.

The best answer seems to be to try to be as tolerant as possible of all activities, and understand that what the other fellow is doing is just as important to him as your pursuits are to you.

73's de Steve KA6S

Date: 15 Dec 89 17:02:03 GMT
From: victim.dec.com!reisert@decwrl.dec.com (Jim -- LTN1-2/H03 -- DTN 226-6905 15-Dec-1989 1203)
Subject: The un-net on 10meters on Saturday (1600-1800Z)
Message-ID: <8912151702.AA10646@decwrl.dec.com>

In article <7880097@hpfcdc.HP.COM>, perry@hpfcdc.HP.COM (Perry Scott) writes...

>I do wish that contest organizers would set up band restrictions. 29.300
>through 29.600 was completely full. I had to go all the way up to 29.650
>to find an un-contested frequency.

I hope you mean 28.300 - 28.600. The reason 10-meter contesters were operating from .300-.500 was that Novices contacts give you more points (right?) than non-novice contacts. I'm amazed that you were able to find a clear frequency *anywhere* on 10 meters!

Stu, KC1F, spent a lot of his time on 10 meters in one of the recent DX contests *above* 28.800 (like around .888). He had very high QSO rates, probably because of the clear channel. You don't need to operate in QRM Alley to get a good score.

jim, AD1C

=====

"The opinions expressed here in no way represent the views of Digital Equipment Corporation."

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